



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|----------------|-----|-----------|-----------|-----------------------|---|
| Unique Test ID | 157 | Date: | 9/22/2004 | MeterBasin: | |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | Y |
| Defect No: | 2 | Setup No: | 5 | Priority CCTV: | |

| | | | | |
|--------------|-----------------|----------------|--------------|-----------|
| House Number | Street Prefix: | Street Name: | Street Type: | |
| 3333 | | Clarks | LANE | |
| Source Type: | 14= Catch Basin | Location: | 8=Yard-Back | Severity: |
| Sector: | 2=Private | Drainage Area: | 5000 | |
| Comments: | | | | |

SMOKE TEST PHOTOS



Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 77

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0922-2004\T-2\PLAYER_B\B_2004_0922Image0077.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.




SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

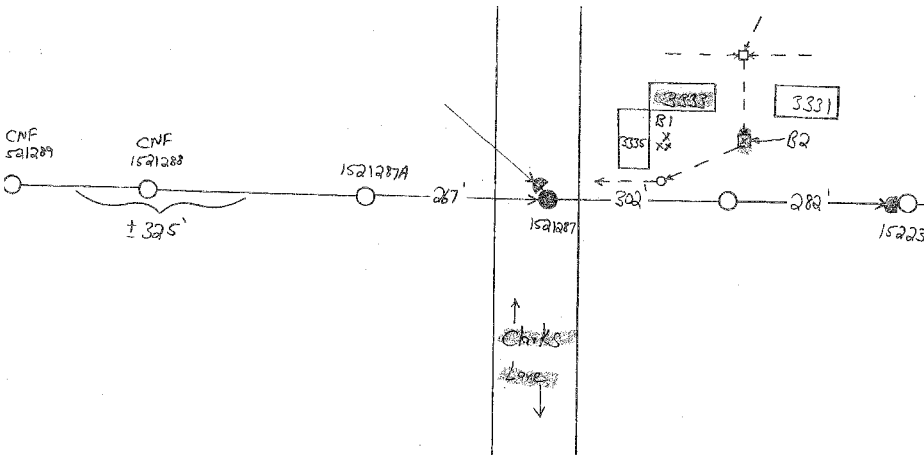
FIELD SKETCH

Page 1 of 2
Smoke Set No. 23
Setup No. 5
157

**BUREAU OF WATER AND WASTEWATER
SMOKE TEST INSPECTION FORM**

| TEST LOCATION | | | |
|---|--|-----------------------|--|
| Project: WRPA | Sewershed: Jones Falls | Date: 9/22/04 | Start Time: 1730 |
| Crew: T2 | Street Location: Chicks Lane | | |
| US MH: 1521289 | DS MH: 1522369 | Number of Segments: 5 | Test Length: 1176' |
| Plugged US: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Plugged DS: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | # of Blowers: 1 2 3 | Ground: <input checked="" type="checkbox"/> Dry Moderate Wet |
| Plugs Removed? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Recorder: Bob Brink | Comments: | |

FIELD SKETCH (Show manholes and ID numbers, blower placement, source defect number, bldgs & street addresses, sandbag locations, etc.)



CREW COMMENTS

1521287A not shown on map.

Last Revised 9/16/2004 Leader Form

Sketch No: 157

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\157.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|----------------|-----|-----------|-----------|-----------------------|---|
| Unique Test ID | 158 | Date: | 9/23/2004 | MeterBasin: | |
| Observer ID: | | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 0 | Setup No: | 1 | Priority CCTV: | |

| | | | |
|--------------|----------------|--------------|--------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
|--------------|----------------|--------------|--------------|

| | | |
|--------------|---------------------|-----------|
| Source Type: | Location: | Severity: |
| Sector: | Drainage Area: 0 | |
| Comments: | No defects observed | |

SMOKE TEST PHOTOS

Photo No:
Filename Path:

Image Status: No image name specified.

Photo No:
Filename Path:

Image Status: No image name specified.

Photo No:
Filename Path:

Image Status: No image name specified.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

SMOKE TESTING DEFECT SUMMARY
Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

Page 1 of 3
Smoke Set No. 23
Setup No. 1

**BUREAU OF WATER AND WASTEWATER
SMOKE TEST INSPECTION FORM**

| | | | |
|---|--|-----------------------|--|
| Project: WRPA | Sewershed: Jones Falls | Date: 9/23/04 | Start Time: 0800 |
| Crew: T2 | Street Location: Bancroft Road | US MH: 1522369 | DS MH: 1522374 |
| Plugged US: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Plugged DS: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Number of Segments: 4 | Test Length: 657 |
| Plugs Removed? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Recorder: Bob Bink | # of Blowers: 1 2 3 | Ground: <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moderate <input type="checkbox"/> Wet |
| Comments: | | | |

FIELD SKETCH (show manholes and ID numbers, show placement of smoke defect number, bags & street, show addresses, mapping locations, etc.)

CREW COMMENTS

Last Revised 9/18/2004
Leader Form

Sketch No: 158
Filename Path:
X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\Sketches\158.tif
Image Status: Image found and displayed.

Monday, February 28, 2005
Page 2036 of 4018
DRAFT
M&E
Metcalf & Eddy

Sketch No: 158

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\Sketches\158.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity
in the Western Run GIS have been revised
following smoke testing to reflect updated
information from various sources and may no longer
match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|---|
| Unique Test ID | 158 | Date: | 9/23/2004 | MeterBasin: | |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 1 | Setup No: | 1 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 3125 | | Bancroft | ROAD |

| | | | | |
|---------------------|-------------------|-----------------------|------------|------------------|
| Source Type: | 12= MH Frame Seal | Location: | 5=Sidewalk | Severity: |
| Sector: | 1=Public | Drainage Area: | 40 | |

Comments:

SMOKE TEST PHOTOS



Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 78

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0078.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

SMOKE TESTING DEFECT SUMMARY
Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

Page 1 of 3
Smoke Set No. 21
Setup No. 1

**BUREAU OF WATER AND WASTEWATER
SMOKE TEST INSPECTION FORM**

| | | | |
|---|--|-----------------------|--|
| Project: WRPA | Sewershed: Jones Falls | Date: 9/23/04 | Start Time: 0800 |
| Crew: T2 | Street Location: Bancroft Road | US MH: 1522369 | DS MH: 1522374 |
| Plugged US: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Plugged DS: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Number of Segments: 4 | Test Length: 657 |
| Plugs Removed? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Recorder: Bob Bink | # of Blowers: 1 2 3 | Ground: <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moderate <input type="checkbox"/> Wet |
| Comments: | | | |

FIELD SKETCH (show manholes and ID numbers, show placement of smoke defect number, bags & street, show addresses, mapping locations, etc.)

CREW COMMENTS

Last Revised 9/18/2004
Leader Form

Sketch No: 158
Filename Path:
X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\158.tif
Image Status: Image found and displayed.

Monday, February 28, 2005
Page 2036 of 4018
DRAFT
M&E Metcalf & Eddy

Sketch No: 158

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\158.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 159 | Date: | 9/23/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 1 | Setup No: | 2 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 6511 | | Western Run | DR |

| | | | | |
|---------------------|--------------|-----------------------|-------------|------------------|
| Source Type: | 04= Cleanout | Location: | 8=Yard-Back | Severity: |
| Sector: | 2=Private | Drainage Area: | 16 | |

Comments:

SMOKE TEST PHOTOS



Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 79

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0079.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.

SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

SMOKE TESTING DEFECT SUMMARY

FIELD SKETCH

Page 1 of 2
Smoke Set No. 23
Setup No. 2
157

BUREAU OF WATER AND WASTEWATER SMOKE TEST INSPECTION FORM

| TEST LOCATION | | | |
|----------------------|---------------------------------|-----------------------|----------------------------|
| Project: WRPA | Sewershed: Jones Falls | Date: 7/23/04 | Start Time: 0900 |
| Crew: T2 | Street Location: Western Rn Dr. | | |
| US MH: 1507886 | DS MH: 1522051 | Number of Segments: 7 | Test Length: 1024 |
| Plugged US: Y (N) | Plugged DS: (X) N | # of Blowers: 2 @ 3 | Ground: (Dry) Moderate Wet |
| Plugs Removed? (Y) N | Recorder: Bob Black | Comments: | |

FIELD SKETCH (Circle manholes and numbers. Blower placement, source detection number, depth & air meter readings, sampling locations, etc.)

CREW COMMENTS

Last Revised 9/16/2004

Loader Form

Sketch No: 159
Filename Path:
X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\Sketches\159.tif
Image Status: Image found and displayed.

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DRAFT



Sketch No: 159

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\159.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 159 | Date: | 9/23/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 2 | Setup No: | 2 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 6601 | | Western Run | DR |

| | | | | |
|---------------------|--------------|-----------------------|-------------|------------------|
| Source Type: | 04= Cleanout | Location: | 8=Yard-Back | Severity: |
| Sector: | 2=Private | Drainage Area: | 0 | |

Comments:

SMOKE TEST PHOTOS



Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 80

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0080.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.

SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

SMOKE TESTING DEFECT SUMMARY

FIELD SKETCH

Page 1 of 2
Smoke Set No. 23
Setup No. 2
157

BUREAU OF WATER AND WASTEWATER SMOKE TEST INSPECTION FORM

| TEST LOCATION | | | |
|----------------------|---------------------------------|-----------------------|----------------------------|
| Project: WRPA | Sewershed: Jones Falls | Date: 7/23/04 | Start Time: 0900 |
| Crew: TJ | Street Location: Western Rn Dr. | | |
| US MH: 1507886 | DS MH: 1522051 | Number of Segments: 7 | Test Length: 1024 |
| Plugged US: Y (N) | Plugged DS: X (H) | # of Blowers: 2 @ 3 | Ground: (Dry) Moderate Wet |
| Plugs Removed? (Y) N | Recorder: Bob Bazz | Comments: | |

FIELD SKETCH (Circle manholes and their numbers. Blower placement, source direction, bar, valve & air gate locations, sampling location(s), etc.)

CREW COMMENTS

Last Revised 9/16/2004

Loader Form

Sketch No: 159

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\159.tif

Image Status: Image found and displayed.

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DRAFT



Sketch No: 159

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\Sketches\159.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 159 | Date: | 9/23/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 3 | Setup No: | 2 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 6601 | | Western Run | DR |

| | | | | |
|---------------------|--------------|-----------------------|-------------|------------------|
| Source Type: | 04= Cleanout | Location: | 8=Yard-Back | Severity: |
| Sector: | 2=Private | Drainage Area: | 25 | |

Comments:

SMOKE TEST PHOTOS



Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 81

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0081.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.

SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

SMOKE TESTING DEFECT SUMMARY

FIELD SKETCH

Page 1 of 2
Smoke Set No. 23
Setup No. 2
157

BUREAU OF WATER AND WASTEWATER SMOKE TEST INSPECTION FORM

| TEST LOCATION | | | |
|-----------------------|------------------------------|-----------------------|--------------------------|
| Project: WRPA | Sewershed: Jones Falls | Date: 7/23/04 | Start Time: 0900 |
| Crew: T2 | Street Location: Western Rn. | | |
| US MH: 150286 | DS MH: 1522051 | Number of Segments: 7 | Test Length: 1024 |
| Plugged US: Y (N) | Plugged DS: X (N) | # of Blowers: 2 @ 3 | Ground: Dry Moderate Wet |
| Plug Removed? Y (X) N | Recorder: Bob Black | Comments: | |

FIELD SKETCH (Show manholes and blower locations; blowers should be placed down sewer before all other equipment, including cameras, etc.)

CREW COMMENTS

Last Revised 9/16/2004

Loader Form

Sketch No: 159
Filename Path:
 X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
 Testing\Pictures\Sketches\159.tif
Image Status: Image found and displayed.

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DRAFT



Sketch No: 159

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\159.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 159 | Date: | 9/23/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 4 | Setup No: | 2 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 6603 | | Western Run | DR |

| | | | | |
|---------------------|--------------|-----------------------|-------------|------------------|
| Source Type: | 04= Cleanout | Location: | 8=Yard-Back | Severity: |
| Sector: | 2=Private | Drainage Area: | 0 | |

Comments:

SMOKE TEST PHOTOS



Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 82

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0082.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.

SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

SMOKE TESTING DEFECT SUMMARY

FIELD SKETCH

[illegible]

Sketch No: 159
Filename Path:
X:\Baltimore City\Western Run\Pilot Area - Data Files\Smoke
Testing\Pictures\Sketches\159.tif
Image Status: Image found and displayed.

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DRAFT



Sketch No: 159

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\159.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 159 | Date: | 9/23/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 5 | Setup No: | 2 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 6413 | | Western Run | DR |

| | | | | |
|---------------------|--------------|-----------------------|--------------|------------------|
| Source Type: | 04= Cleanout | Location: | 7=Yard-Front | Severity: |
| Sector: | 2=Private | Drainage Area: | 9 | |

Comments:

SMOKE TEST PHOTOS



Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 83

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0083.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

SMOKE TESTING DEFECT SUMMARY
Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

Page 1 of 2
Smoke Set No. 22
Setup No. 3

**BUREAU OF WATER AND WASTEWATER
SMOKE TEST INSPECTION FORM**

| TEST LOCATION | | | |
|--|---|-----------------------|--|
| Project: WHPA | Sewershed: Jones Falls | Date: 7/23/04 | Start Time: 0900 |
| Crew: 72 | Street Location: Western Run | | |
| US Mt: 1521286 | DS Mt: 1522051 | Number of Segments: 7 | Test Length: 1064 |
| Plugged US: <input checked="" type="checkbox"/> N | Plugged DS: <input checked="" type="checkbox"/> N | # of Blowers: 123 | Ground: <input checked="" type="checkbox"/> Dry Moderate Wet |
| Plugs Removed? <input checked="" type="checkbox"/> N | Recorder: Bob Baker | Comments: | |

FIELD SKETCH (Show manholes and blower placement, record defects, notes, tags & street addresses, survey locations, etc.)

CREW COMMENTS

Last Revised 9/16/2004 Loader Form

Sketch No: 159
Filename Path:
X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\Sketches\159.tif
Image Status: Image found and displayed.

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DRAFT

M&E
Metcalf & Eddy
INCORPORATED

Sketch No: 159

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\Sketches\159.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity
in the Western Run GIS have been revised
following smoke testing to reflect updated
information from various sources and may no longer
match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 160 | Date: | 9/23/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 1 | Setup No: | 3 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 3015 | | Temple Gate | ROAD |

| | | | | |
|---------------------|--------------|-----------------------|--------------|------------------|
| Source Type: | 04= Cleanout | Location: | 7=Yard-Front | Severity: |
| Sector: | 2=Private | Drainage Area: | 0 | |

Comments:

SMOKE TEST PHOTOS

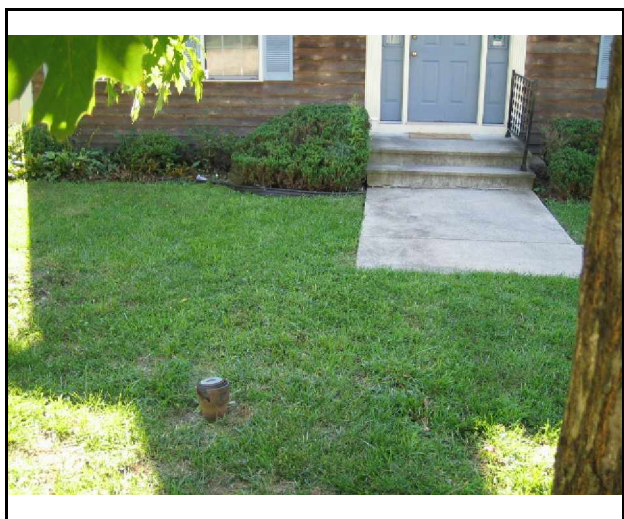


Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 84

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0084.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.




SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

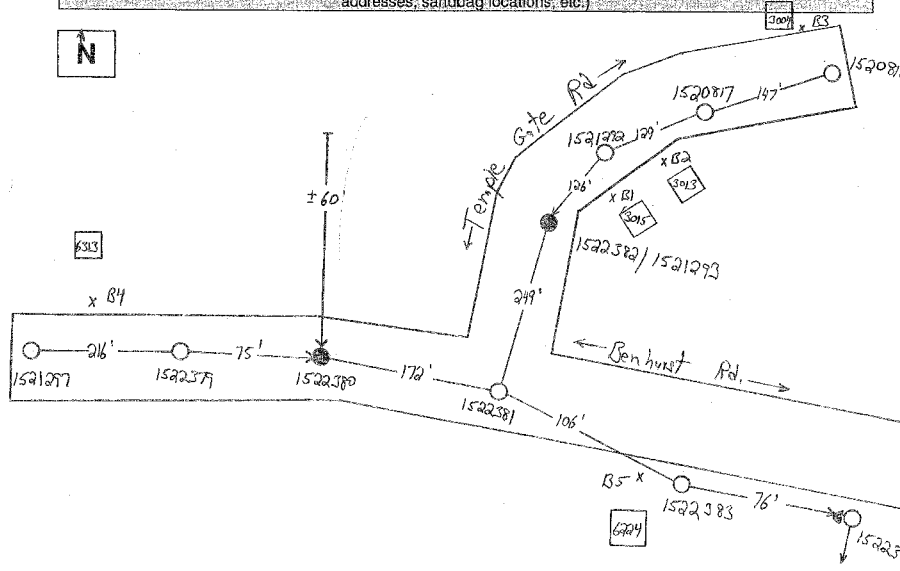
FIELD SKETCH

Page 1 of 2
Smoke Set No. 23
Setup No. 3
160

**BUREAU OF WATER AND WASTEWATER
SMOKE TEST INSPECTION FORM**

| TEST LOCATION | | | |
|--|---|------------------------|--|
| Project: WRPA | Sewershed: Jones Falls | Date: 7/23/04 | Start Time: 1015 |
| Crew: T2 | Street Location: Temple Gate Rd | | |
| US MH: 1521297 | DS MH: 1522384 | Number of Segments: 10 | Test Length: 1353' |
| Plugged US: <input checked="" type="checkbox"/> N | Plugged DS: <input checked="" type="checkbox"/> N | # of Blowers: 1(2)3 | Ground: <input checked="" type="checkbox"/> Dry Moderate Wet |
| Plugs Removed? <input checked="" type="checkbox"/> N | Recorder: Bob Blank | Comments: | |

FIELD SKETCH (Show manholes and ID numbers, blower placement, source defect number, bldgs & street addresses, sandbag locations, etc.)



CREW COMMENTS

Last Revised 9/16/2004Leader Form

Sketch No: 160

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\160.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 160 | Date: | 9/23/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 2 | Setup No: | 3 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 3013 | | Temple Gate | ROAD |

| | | | | |
|---------------------|--------------|-----------------------|--------------|------------------|
| Source Type: | 04= Cleanout | Location: | 7=Yard-Front | Severity: |
| Sector: | 2=Private | Drainage Area: | 0 | |

Comments:

SMOKE TEST PHOTOS



Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 85

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0085.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

Page 1 of 2
Smoke Set No. 23
Setup No. 3
160

**BUREAU OF WATER AND WASTEWATER
SMOKE TEST INSPECTION FORM**

| TEST LOCATION | | | |
|--|---|------------------------|--|
| Project: WRPA | Sewershed: Jones Falls | Date: 7/23/04 | Start Time: 1015 |
| Crew: T2 | Street Location: Temple Gate Rd | | |
| US MH: 1521297 | DS MH: 1522384 | Number of Segments: 10 | Test Length: 1353' |
| Plugged US: <input checked="" type="checkbox"/> N | Plugged DS: <input checked="" type="checkbox"/> N | # of Blowers: 1(2)3 | Ground: <input checked="" type="checkbox"/> Dry Moderate Wet |
| Plugs Removed? <input checked="" type="checkbox"/> N | Recorder: Bob Blank | Comments: | |

FIELD SKETCH (Show manholes and ID numbers, blower placement, source defect number, bldgs & street addresses, sandbag locations, etc.)

CREW COMMENTS

Last Revised 9/16/2004Leader Form

Sketch No: 160

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\160.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 160 | Date: | 9/23/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 3 | Setup No: | 3 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 3004 | | Temple Gate | ROAD |

| | | | | |
|---------------------|--------------|-----------------------|--------------|------------------|
| Source Type: | 04= Cleanout | Location: | 7=Yard-Front | Severity: |
| Sector: | 2=Private | Drainage Area: | 0 | |

Comments:

SMOKE TEST PHOTOS



Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 86

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0086.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

Page 1 of 2
Smoke Set No. 23
Setup No. 3
160

**BUREAU OF WATER AND WASTEWATER
SMOKE TEST INSPECTION FORM**

| TEST LOCATION | | | |
|--|---|------------------------|--|
| Project: WRPA | Sewershed: Jones Falls | Date: 7/23/04 | Start Time: 1015 |
| Crew: T2 | Street Location: Temple Gate Rd | | |
| US MH: 1521297 | DS MH: 1522384 | Number of Segments: 10 | Test Length: 1353' |
| Plugged US: <input checked="" type="checkbox"/> N | Plugged DS: <input checked="" type="checkbox"/> N | # of Blowers: 1(2)3 | Ground: <input checked="" type="checkbox"/> Dry Moderate Wet |
| Plugs Removed? <input checked="" type="checkbox"/> N | Recorder: Bob Blank | Comments: | |

FIELD SKETCH (Show manholes and ID numbers, blower placement, source defect number, bldgs & street addresses, sandbag locations, etc.)

CREW COMMENTS

Last Revised 9/16/2004Leader Form

Sketch No: 160

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\160.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 160 | Date: | 9/23/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 4 | Setup No: | 3 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 6313 | | Benhurst | ROAD |

| | | | | |
|---------------------|------------------|-----------------------|--------------|------------------|
| Source Type: | 02= Service Line | Location: | 7=Yard-Front | Severity: |
| Sector: | 2=Private | Drainage Area: | 9 | |

Comments:

SMOKE TEST PHOTOS

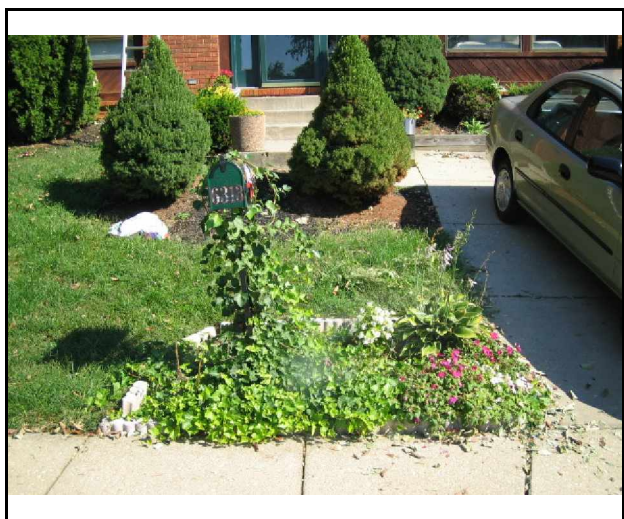


Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 87

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0087.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

Page 1 of 2
Smoke Set No. 23
Setup No. 3
160

**BUREAU OF WATER AND WASTEWATER
SMOKE TEST INSPECTION FORM**

| TEST LOCATION | | | |
|--|---|------------------------|--|
| Project: WRPA | Sewershed: Jones Falls | Date: 7/23/04 | Start Time: 1015 |
| Crew: T2 | Street Location: Temple Gate Rd | | |
| US MH: 1521297 | DS MH: 1522384 | Number of Segments: 10 | Test Length: 1353' |
| Plugged US: <input checked="" type="checkbox"/> N | Plugged DS: <input checked="" type="checkbox"/> N | # of Blowers: 1(2)3 | Ground: <input checked="" type="checkbox"/> Dry Moderate Wet |
| Plugs Removed? <input checked="" type="checkbox"/> N | Recorder: Bob Blank | Comments: | |

FIELD SKETCH (Show manholes and ID numbers, blower placement, source defect number, bldgs & street addresses, sandbag locations, etc.)

CREW COMMENTS

Last Revised 9/16/2004Leader Form

Sketch No: 160

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\160.tif

Image Status: Image found and displayed.

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SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 160 | Date: | 9/23/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 5 | Setup No: | 3 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 6224 | | Benhurst | ROAD |

| | | | | |
|---------------------|--------------|------------------|--------------|------------------|
| Source Type: | 04= Cleanout | Location: | 7=Yard-Front | Severity: |
|---------------------|--------------|------------------|--------------|------------------|

| | | | |
|----------------|-----------|-----------------------|---|
| Sector: | 2=Private | Drainage Area: | 0 |
|----------------|-----------|-----------------------|---|

Comments:

SMOKE TEST PHOTOS

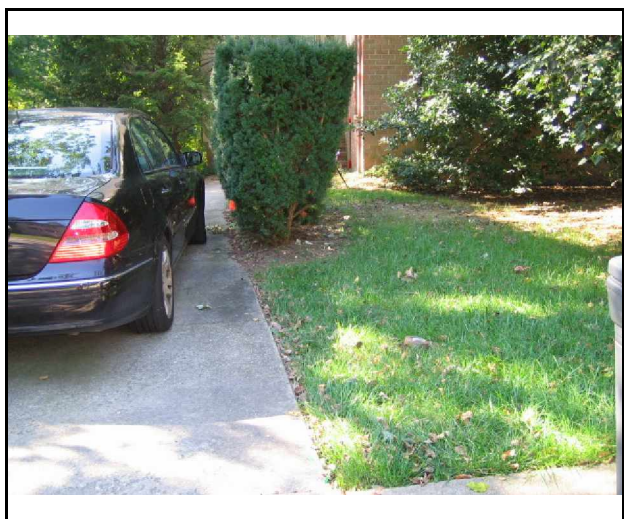


Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 88

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0923-2004\T-2\PLAYER_B\B_2004_0923Image0088.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

Page 1 of 2
Smoke Set No. 23
Setup No. 3
160

**BUREAU OF WATER AND WASTEWATER
SMOKE TEST INSPECTION FORM**

| TEST LOCATION | | | |
|--|---|------------------------|--|
| Project: WRPA | Sewershed: Jones Falls | Date: 7/23/04 | Start Time: 1015 |
| Crew: T2 | Street Location: Temple Gate Rd | | |
| US MH: 1521297 | DS MH: 1522384 | Number of Segments: 10 | Test Length: 1353' |
| Plugged US: <input checked="" type="checkbox"/> N | Plugged DS: <input checked="" type="checkbox"/> N | # of Blowers: 1(2)3 | Ground: <input checked="" type="checkbox"/> Dry Moderate Wet |
| Plugs Removed? <input checked="" type="checkbox"/> N | Recorder: Bob Blank | Comments: | |

FIELD SKETCH (Show manholes and ID numbers, blower placement, source defect number, bldgs & street addresses, sandbag locations, etc.)

CREW COMMENTS

Last Revised 9/16/2004Leader Form

Sketch No: 160

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\160.tif

Image Status: Image found and displayed.

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SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 161 | Date: | 9/27/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 1 | Setup No: | 1 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 6409 | | Western Run | DR |

| | | | | |
|---------------------|--------------|-----------------------|--------------|------------------|
| Source Type: | 04= Cleanout | Location: | 7=Yard-Front | Severity: |
| Sector: | 2=Private | Drainage Area: | 0 | |

Comments:

SMOKE TEST PHOTOS



Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 89

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0927-2004\T-2\PLAYER_B\B_2004_0927Image0089.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:

Image Status: No image name specified.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

Page 1 of 2
Smoke Set No. 23
Setup No. 1
161

**BUREAU OF WATER AND WASTEWATER
SMOKE TEST INSPECTION FORM**

| TEST LOCATION | | | |
|---|--|-----------------------|---|
| Project: WRPA | Sewershed: Jones Falls | Date: 9/27/04 | Start Time: 0900 |
| Crew: T2 | Street Location: Western Run Drive | | |
| US MH: 1522051 | DS MH: 1522017 | Number of Segments: 8 | Test Length: 1064' |
| Plugged US: <input checked="" type="radio"/> Y <input type="radio"/> N | Plugged DS: <input checked="" type="radio"/> Y <input type="radio"/> N | # of Blowers: 2 3 | Ground: <input checked="" type="radio"/> Dry <input type="radio"/> Moderate <input type="radio"/> Wet |
| Plugs Removed? <input checked="" type="radio"/> Y <input type="radio"/> N | Recorder: Bob Blank | Comments: | |

FIELD SKETCH (Show manholes and ID numbers, blower placement, source defect number, bldgs & street addresses, sandbag locations, etc.)

CREW COMMENTS

Last Revised 9/16/2004
Leader Form

Sketch No: 161

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\161.tif

Image Status: Image found and displayed.

NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

| | | | | | |
|-----------------------|-----|------------------|-----------|------------------------------|----------|
| Unique Test ID | 162 | Date: | 9/27/2004 | MeterBasin: | 01_WRR06 |
| Observer ID: | B | Crew: | T-2 | Dye Test Recommended: | N |
| Defect No: | 1 | Setup No: | 2 | Priority CCTV: | |

| | | | |
|---------------------|-----------------------|---------------------|---------------------|
| House Number | Street Prefix: | Street Name: | Street Type: |
| 6307 | | Western Run | DR |

| | | | | |
|---------------------|--------------|-----------------------|--------------|------------------|
| Source Type: | 04= Cleanout | Location: | 7=Yard-Front | Severity: |
| Sector: | 2=Private | Drainage Area: | 10 | |

Comments:

SMOKE TEST PHOTOS

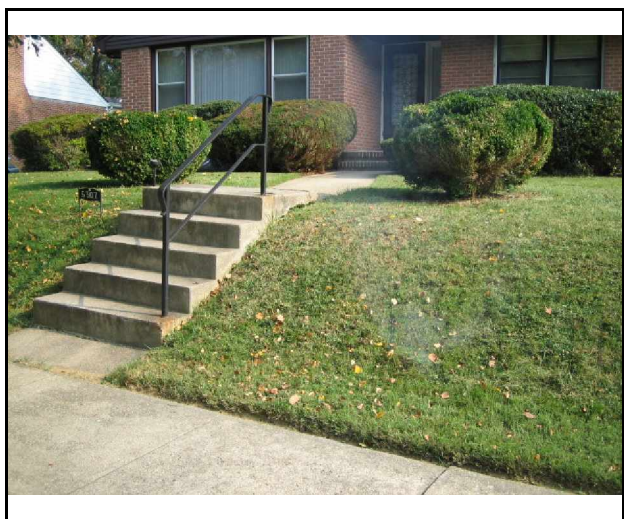


Photo No:

Filename Path:

Image Status: No image name specified.

Photo No: 90

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke
Testing\Pictures\0927-2004\T-2\PLAYER_B\B_2004_0927Image0090.JPG

Image Status: Image found and displayed.

Photo No:

Filename Path:


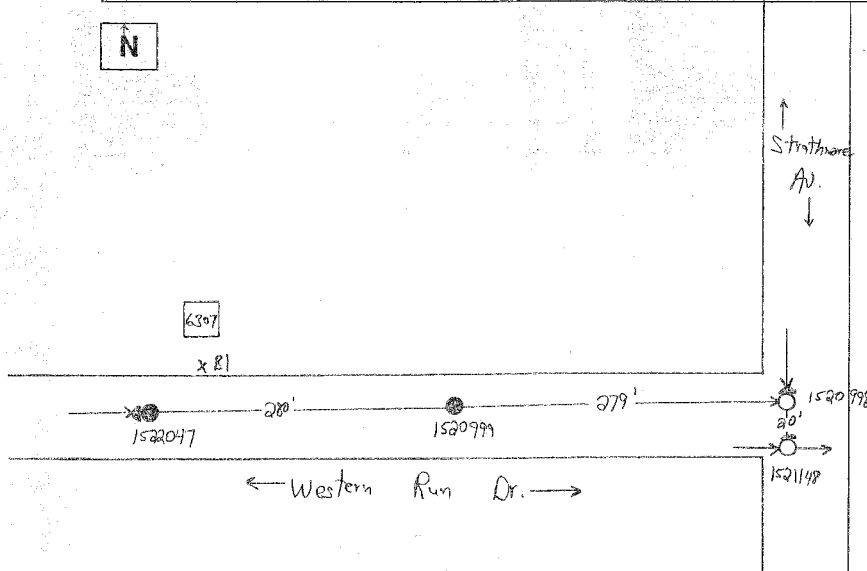
Image Status: No image name specified.



SMOKE TESTING OBSERVATION SUMMARY

Western Run Pilot Project - Baltimore Maryland

FIELD SKETCH

| | | | | | |
|---|---|-----------------------|--|------------------|--|
|  | | | | Page 1 of 2 | |
| BUREAU OF WATER AND WASTEWATER | | | | Smoke Set No. 23 | |
| SMOKE TEST INSPECTION FORM | | | | Setup No. 2 | |
| 162 | | | | | |
| TEST LOCATION | | | | | |
| Project: WRPA | Sewershed: Jones Falls | Date: 7/27/04 | Start Time: 0955 | | |
| Crew: T2 | Street Location: Western Run Dr | | | | |
| US MH: 1522047 | DS MH: 1521148 | Number of Segments: 3 | Test Length: 579 | | |
| Plugged US: <input checked="" type="checkbox"/> N | Plugged DS: <input checked="" type="checkbox"/> N | # of Blowers: 1 (2) 3 | Ground: <input checked="" type="checkbox"/> Dry Moderate Wet | | |
| Plugs Removed? <input checked="" type="checkbox"/> N | Recorder: Bob Blake | Comments: | | | |
| FIELD SKETCH (Show manholes and ID numbers, blower placement, source defect number, bldgs & street addresses, sandbag locations, etc.) | | | | | |
|  | | | | | |
| CREW COMMENTS | | | | | |
| Last Revised 9/16/2004 | | | | | |
| Leader Form | | | | | |

Sketch No: 162

Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\162.tif

Image Status: Image found and displayed.

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